



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/720,070

11/25/2003

Yen-Cheng Chen

SUND 489

4204

23995

7590

04/01/2008

RABIN & Berdo, PC

1101 14TH STREET, NW

SUITE 500

WASHINGTON, DC 20005

EXAMINER

WORKU, NEGUSSIE

ART UNIT

PAPER NUMBER

2625

MAIL DATE

DELIVERY MODE

04/01/2008

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/720,070	<b>Applicant(s)</b> CHEN, YEN-CHENG	
	<b>Examiner</b> NEGUSSIE WORKU	<b>Art Unit</b> 2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 04 January 2008.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Response to Arguments***

1. This Office action is in response to the amendment filed on 01/04/08, in which claims 1-22 are still pending. Claims 1, 15 and 20 are independent, claims 2-14, 16-19 are dependent. Applicant's arguments with respect to claims 1, 15 and 20 have been considered but are moot in view of the new ground(s) of rejection.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

3. Claims 1-22 are rejected under 35 U.S.C. 102(e) as being anticipated by Struble (USP, 7142, 333).

With respect to claim 1, Struble (333) teaches an image access device with a wireless transmission function, (scanning system 100 is used in a method of wirelessly initiated scanning as shown in fig 1-3, col.4, lines 23-30) comprising at least: a scan unit (scanner 104 fig 2) used for scanning a to-be-scanned document and outputting a scan

Art Unit: 2625

image (scanner 104 is used to scan document, col.4, lines 10-15); a control unit (controller 32 of fig 1) used for receiving a signal, which initiates a wireless scan function, to control the scan unit to scan the to-be-scanned document (controller 32 as shown in fig 1, controls the interconnected devices, such as scanner 22, wireless communication module and personal computer 42, via network communication link 26 which includes internet 50, col.4, lines 4-10); and a first wireless transmission unit (wireless communication module 30 of fig 1) used for receiving the scan image and transmitting the scan image to a portable electronic device (mobile computing device 102 of fig 2, such as 110, 112, 114, see col.4, lines 10-20), in a wireless transmission way (col.5, lines 45-55).

With respect to claim 2, Struble '333' teaches the image access device (as shown in fig 1 and 2), wherein the control unit (32 of fig 2) is used for receiving the computer-output signal, which initiates the wireless scan function, (controller 32 as shown in fig 1, controls the interconnected devices, such as personal computer 42 of fig 1 as scanner 22, wireless communication module 30 and personal computer 42, via network communication link 26 which includes internet 50, used for receiving signal col.4, lines 4-10).

With respect to claim 3, Struble (333) teaches an image access device with a wireless transmission function, (scanning system 100 is used in a method of wirelessly

Art Unit: 2625

initiated scanning as shown in fig 1-3, col.4, lines 23-30) further comprises: a wireless scan operation unit (scanner 22 of fig 1) being used for being triggered to output the signal to the control unit (control unit 32 of fig 1) and initiate the wireless scans function, (col.4, lines 4-10).

With respect to claim 4, Struble (333) teaches an image access device with a wireless transmission function, (scanning system 100 is used in a method of wirelessly initiated scanning as shown in fig 1-3, col.4, lines 23-30), wherein the wireless scan operation unit is a touch panel (col.3, lines 20-24).

With respect to claim 5, Struble (333) teaches an image access device (scanning system 100 is used in a method of wirelessly initiated scanning as shown in fig 1-3, col.4, lines 23-30), wherein the wireless scan operation unit is a hot key (col.3, lines 20-24).

With respect to claim 6, Struble (333) teaches an image access device (scanning system 100 is used in a method of wirelessly initiated scanning as shown in fig 1-3, col.4, lines 23-30), a second wireless transmission unit (col.3, lines 46-49) whose wireless transmission protocol is compatible with that of the first wireless transmission unit (col.3, lines 50-53); a memory unit (a memory with in the scanner unit stores scanned image) being used for storing the scan image received by the second wireless transmission unit (col.3, lines 5-53); and a display unit (portable devices 110, 112, 114

of fig 2, having a display to monitor the activity of the communication) being used for displaying the scan image stored in the memory (display screen, for displaying graphical image, stored in the at least in a personal computer 120 of fig, col.4, lines 60-65).

With respect to claim 7, Struble (333) teaches an image access device (scanning system 100 is used in a method of wirelessly initiated scanning as shown in fig 1-3, col.4, lines 23-30), wherein the wireless transmission protocol of the first wireless transmission unit (col.3, lines 46-49).

With respect to claim 8, Struble (333) teaches an image access device (scanning system 100 is used in a method of wirelessly initiated scanning as shown in fig 1-3, col.4, lines 23-30), wherein the wireless transmission protocol of the first wireless transmission unit (col.3, lines 40-65).

With respect to claim 9, Struble (333) teaches an image access device (scanning system 100 is used in a method of wirelessly initiated scanning as shown in fig 1-3, col.4, lines 23-30), wherein the wireless transmission protocol of the first wireless transmission unit is 802.11g (col.3, lines 45-60).

With respect to claim 10, Struble (333) teaches an image access device (scanning system 100 is used in a method of wirelessly initiated scanning as shown in fig 1-3, col.4, lines 23-30), the wireless transmission protocol of the first wireless transmission unit is a Bluetooth wireless transmission protocol (col.3, lines 45-50)

With respect to claim 11, Struble (333) teaches an image access device (scanning system 100 is used in a method of wirelessly initiated scanning as shown in fig 1-3, col.4, lines 23-30), wherein the portable electronic device is a personal digital assistant (PDA 114 of fig 2, col.4, lines 12-18).

With respect to claim 12, Struble (333) teaches an image access device (scanning system 100 is used in a method of wirelessly initiated scanning as shown in fig 1-3, col.4, lines 23-30), wherein the portable electronic device is a mobile phone (mobile phone 110 of fig 2, col.4, lines 12-17).

With respect to claim 13, Struble (333) teaches an image access device (scanning system 100 is used in a method of wirelessly initiated scanning as shown in fig 1-3, col.4, lines 23-30), wherein the image access device is a scanner (scanner 104 of fig 2, col.15, 35-40).

With respect to claim 14, Struble (333) teaches an image access device (scanning system 100 is used in a method of wirelessly initiated scanning as shown in fig 1-3, col.4, lines 23-30), wherein the scan unit is a chassis (scanner 104 of fig 2, col.3, lines 25-30).

With respect to claim 15, Struble (333) teaches an image access device with a wireless transmission function, (scanning system 100 is used in a method of wirelessly initiated scanning as shown in fig 1-3, col.4, lines 23-30) comprising at least: a scan unit (scanner 104 fig 2) used for scanning a to-be-scanned document and outputting a scan image (scanner 104 is used to scan document, col.4, lines 10-15); a wireless scan operation unit used for being triggered to output a signal which initiates the wireless scan function (scanning system 100 is used in a method of wirelessly initiated scanning as shown in fig 1-3, col.4, lines 23-30); a control unit (controller 32 of fig 1) used for receiving a signal, which initiates a wireless scan function, to control the scan unit to scan the to-be-scanned document (controller 32 as shown in fig 1, controls the interconnected devices, such as scanner 22, wireless communication module and personal computer 42, via network communication link 26 which includes internet 50, col.4, lines 4-10); and a first wireless transmission unit (wireless communication module 30 of fig 1) used for receiving the scan image and transmitting the scan image to a portable electronic device (mobile computing device 102 of fig 2, such as 110, 112, 114, see col.4, lines 10-20), in a wireless transmission way (col.5, lines 45-55).

With respect to claim 16, Struble (333) teaches an image access device (scanning system 100 is used in a method of wirelessly initiated scanning as shown in fig 1-3, col.4, lines 23-30), a second wireless transmission unit (col.3, lines 46-49) whose wireless transmission protocol is compatible with that of the first wireless transmission unit (col.3, lines 50-53); a memory unit (a memory with in the scanner unit stores scanned image) being used for storing the scan image received by the second



Art Unit: 2625

wireless transmission unit (col.3, lines 5-53); and a display unit (portable devices 110, 112, 114 of fig 2, having a display to monitor the activity of the communication) being used for displaying the scan image stored in the memory (display screen, for displaying graphical image, stored in the at least in a personal computer 120 of fig, col.4, lines 60-65).

With respect to claim 17, Struble (333) teaches an image access device with a wireless transmission function, (scanning system 100 is used in a method of wirelessly initiated scanning as shown in fig 1-3, col.4, lines 23-30), wherein the wireless scan operation unit is a touch panel (col.3, lines 20-24).

With respect to claim 18, Struble (333) teaches an image access device (scanning system 100 is used in a method of wirelessly initiated scanning as shown in fig 1-3, col.4, lines 23-30), wherein the wireless scan operation unit is a hot key (col.3, lines 20-24).

With respect to claim 19, Struble (333) teaches an image access device (scanning system 100 is used in a method of wirelessly initiated scanning as shown in fig 1-3, col.4, lines 23-30), wherein the portable electronic device is a personal digital assistant (PDA 114 of fig 2, col.4, lines 12-18).

With respect to claim 20, Struble (333) teaches an image access device with a wireless transmission function, (scanning system 100 is used in a method of wirelessly initiated scanning as shown in fig 1-3, col.4, lines 23-30) comprising at least: a scan unit

Art Unit: 2625

(scanner 104 fig 2) used for scanning a to-be-scanned document and outputting a scan image (scanner 104 is used to scan document, col.4, lines 10-15); a wireless scan operation unit used for being triggered to output a signal which initiates the wireless scan function (scanning system 100 is used in a method of wirelessly initiated scanning as shown in fig 1-3, col.4, lines 23-30); a control unit (controller 32 of fig 1) used for receiving a signal, which initiates a wireless scan function, to control the scan unit to scan the to-be-scanned document (controller 32 as shown in fig 1, controls the interconnected devices, such as scanner 22, wireless communication module and personal computer 42, via network communication link 26 which includes internet 50, col.4, lines 4-10); and a first wireless transmission unit (wireless communication module 30 of fig 1) used for receiving the scan image and transmitting the scan image to a portable electronic device (mobile computing device 102 of fig 2, such as 110, 112, 114, see col.4, lines 10-20), in a wireless transmission way (col.5, lines 45-55).

With respect to claim 21, Struble (333) teaches an image access device (scanning system 100 is used in a method of wirelessly initiated scanning as shown in fig 1-3, col.4, lines 23-30), a second wireless transmission unit (col.3, lines 46-49) whose wireless transmission protocol is compatible with that of the first wireless transmission unit (col.3, lines 50-53); a memory unit (a memory with in the scanner unit stores scanned image) being used for storing the scan image received by the second wireless transmission unit (col.3, lines 5-53); and a display unit (portable devices 110, 112, 114 of fig 2, having a display to monitor the activity of the communication) being used for displaying the scan image stored in the memory (display screen, for displaying

graphical image, stored in the at least in a personal computer 120 of fig, col.4, lines 60-65).

With respect to claim 22, Struble (333) teaches an image access device (scanning system 100 is used in a method of wirelessly initiated scanning as shown in fig 1-3, col.4, lines 23-30), wherein the portable electronic device is a personal digital assistant (PDA 114 of fig 2, col.4, lines 12-18).

### ***Conclusion***

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to NEGUSSIE WORKU whose telephone number is (571)272-7472. The examiner can normally be reached on 9A-6PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Coles can be reached on 571-272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

Art Unit: 2625

USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Negussie Worku/

Examiner, Art Unit 2625